

M 5.1, 44km SSE of Borazjan, Iran

Origin Time: 2019-12-27 01:53:16 UTC (Fri 05:23:16 local)

Location: 28.8850° N 51.3613° E Depth: 38.3 km

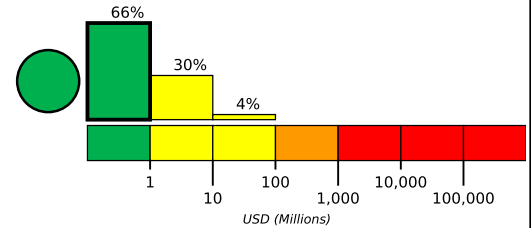
Created: 14 hours, 22 minutes after earthquake

Estimated Fatalities



Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

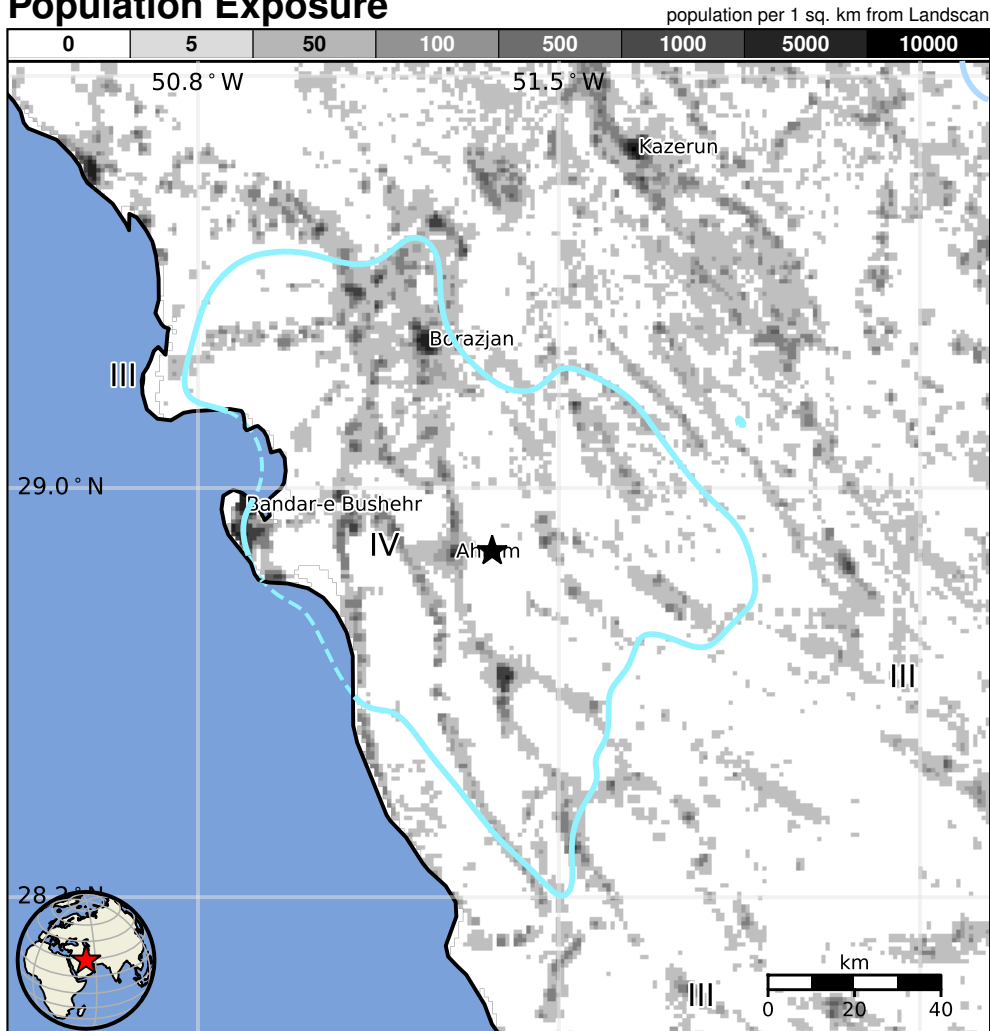


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	—*	554k*	633k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are adobe block and unreinforced brick with mud and timber post construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1999-05-06	81	6.2	VI(1k)	26
1986-07-12	115	5.7	VII(22k)	1
1972-04-10	148	6.9	IX(4k)	5k

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Ahram	<1k
IV	Khowrmuj	<1k
IV	Bandar-e Bushehr	165k
IV	Borazjan	86k
III	Farashband	<1k
III	Bandar-e Ganaveh	53k
III	Kazerun	95k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us70006rec#pager>

bold cities appear on map.

(k = x1000)

Event ID: us70006rec